

Amendments to the Claims:

Please amend the claims as follows:

1. (Currently amended) A temperature control system for a vehicle ~~which controls a temperature of a storage mechanism (3000) mounted in a vehicle,~~ characterized by comprising:
 - a supply means (3200) device for supplying that supplies air for controlling a temperature to [[the]] a storage mechanism (3000) mounted in a vehicle;
 - an inlet port (3310) which is communicated with the supply means (3200) device;
 - and
 - a changing means (3100) for changing device that changes air to be supplied to the storage mechanism (3000) by the supply means (3200) device between air whose heat has been exchanged with an air conditioning unit (2000) in an air pipe and air other than the air whose heat has been exchanged with the air conditioning unit (2000), the changing means (3100) device being provided in the air pipe between the supply means (3200) device and the inlet port (3310).
2. (Currently amended) The temperature control system for a vehicle according to claim 1, wherein
 - the air other than the air whose temperature has been exchanged with the air conditioning unit (2000) is air in a vehicle compartment.
3. (Currently amended) The temperature control system for a vehicle according to claim 2, ~~characterized by~~ further comprising:
 - a changing control means (6000) for controlling device that controls the changing means (3100) device based on a temperature of the storage mechanism (3000) and a temperature in the vehicle compartment.
4. (Currently amended) The temperature control system for a vehicle according to claim 1, wherein
 - the air other than the air whose heat has been exchanged with the air conditioning unit (2000) is air in a vehicle compartment and air in a luggage compartment, and

the changing ~~means (3100)~~ device changes the air to be supplied to the storage mechanism (3000) among the air whose heat has been exchanged with the air conditioning unit (2000), air in a vehicle compartment, and air in a luggage compartment.

5. (Currently amended) The temperature control system for a vehicle according to claim 4, ~~characterized by~~ further comprising:

a changing control ~~means (6000) for controlling~~ device that controls the changing ~~means (3100)~~ device based on a temperature of the storage mechanism (3000), a temperature in the vehicle compartment and a temperature in the luggage compartment.

6. (Currently amended) The temperature control system for a vehicle according to claim 3 [[or 5]], wherein

the changing control ~~means (6000)~~ device controls the changing ~~means (3100)~~ device such that, as the temperature of the storage mechanism (3000) becomes higher, air whose temperature is lower is supplied to the storage mechanism (3000).

7. (Currently amended) The temperature control system for a vehicle according to claim 3 [[or 5]], wherein

the changing control ~~means (6000)~~ device controls the changing ~~means (3100)~~ device such that, as the temperature of the storage mechanism (3000) becomes lower, air whose temperature is higher is supplied to the storage mechanism (3000).

8. The temperature control system for a vehicle according to claim 3 [[or 5]], wherein

the changing control ~~means (6000)~~ device controls the changing ~~means (3100)~~ device based on a change in the temperature of the storage mechanism (3000).

9. (Currently amended) The temperature control system for a vehicle according to claim 8, wherein

the changing control ~~means (6000)~~ device controls the changing ~~means (3100)~~ device such that, as a degree of an increase in the temperature of the storage

mechanism (3000) becomes higher, air whose temperature is lower is supplied to the storage mechanism (3000).

10. (Currently amended) The temperature control system for a vehicle according to claim 3 ~~or 5, characterized by~~ further comprising:

a supply control ~~means (6000) for controlling device that controls~~ the supply ~~means (3200) device~~ based on the temperature of the storage mechanism (3000).

11. (Currently amended) The temperature control system for a vehicle according to claim 10, wherein

the supply control ~~means (6000) device~~ controls the supply ~~means (3200) device~~ such that the supply ~~means (3200) device~~ is operated when the temperature of the storage mechanism (3000) is higher than a predetermined threshold value.

12. (Currently amended) The temperature control system for a vehicle according to claim 10, wherein

the supply control ~~means (6000) device~~ controls the supply ~~means (3200) device~~ such that the supply ~~means (3200) device~~ is operated when the temperature of the storage mechanism (3000) is lower than a predetermined threshold value.

13. (Currently amended) The temperature control system for a vehicle according to claim 3 ~~[[or 5]], wherein~~

the supply control ~~means (6000) device~~ controls the supply ~~means (3200) device~~ based on a change in the temperature of the storage mechanism (3000).

14. (Currently amended) The temperature control system for a vehicle according to claim 13, wherein

the supply control ~~means (6000) device~~ controls the supply ~~means (3200) device~~ such that the supply ~~means (3200) device~~ is operated when a degree of an increase in the temperature of the storage mechanism (3000) is higher than a predetermined threshold value.

15. (Currently amended) The temperature control system for a vehicle according to claim 5, ~~characterized by~~ further comprising:

supply control ~~means (6000)~~ device for controlling the supply ~~means (3200)~~ device based on the temperature of the storage mechanism (3000), wherein

a low temperature side threshold value and a high temperature side threshold value are set for the temperature of the storage mechanism (3000) in advance,

when the temperature of the storage mechanism (3000) is lower than the low temperature side threshold value, the changing control ~~means (6000)~~ device controls the changing ~~means (3100)~~ device such that the air whose heat has been exchanged with the air conditioning unit (2000) is used as the air to be supplied to the storage mechanism (3000), and the supply control ~~means (6000)~~ device controls the supply ~~means (3200)~~ device such that the supply ~~means (3200)~~ device is operated,

when the temperature of the storage mechanism (3000) is higher than the low temperature side threshold value and lower than the high temperature side threshold value and the storage mechanism (3000) needs to be heated, the changing control ~~means (6000)~~ device controls the changing ~~means (3100)~~ device such that one of the air in the vehicle compartment and the air in the luggage compartment, which has the higher temperature, is used as the air to be supplied to the storage mechanism (3000), and the supply control ~~means (6000)~~ device controls the supply ~~means (3200)~~ device such that the supply ~~means (3200)~~ device is operated; and

when the temperature of the storage mechanism (3000) is higher than the high temperature side threshold value and the storage mechanism (3000) need not be cooled nor heated, the supply control ~~means (6000)~~ device controls the supply ~~means (3200)~~ device such that the supply ~~means (3200)~~ device is not operated.

16. (Currently amended) The temperature control system for a vehicle according to ~~any one of claims 1 to 15~~ claim 1, wherein

the air whose heat has been exchanged with the air conditioning unit (2000) is air whose heat has been exchanged with one of an evaporator and a heater core.

17. (Currently amended) The temperature control system for a vehicle according to ~~any one of claims 1 to 16~~ claim 1, wherein

the storage mechanism (3000) is mounted in a rear portion of the vehicle,

the air conditioning unit (2000) is a rear air conditioning unit, and

the supply ~~means (3200)~~ device is a blower which supplied air to the storage mechanism (3000).

18. (Currently amended) The temperature control system for a vehicle according to claim 17, wherein

the storage mechanism (~~3000~~) is a secondary battery for running.

19. (Currently amended) The temperature control system for a vehicle according to claim 17, wherein

the air conditioning unit (~~2000~~) includes an evaporator and a heater core for the rear air conditioning unit provided near the storage mechanism (~~3000~~) in addition to an evaporator and a heater core for a front air conditioning unit, and

the air whose heat has been exchanged with the air conditioning unit (~~2000~~) is air whose heat has been exchanged with one of the evaporator and the heater core of the rear air conditioning unit.